Chapter 10:   Administrative Screens in VOMRS

Users with administrative roles have access to additional VOMRS screens with features beyond those described in Chapter 6: *The VOMRS Web User Interface*.

In this chapter, we describe the additional features found on many administrative screens, we describe the somewhat unique **Authorization Status** screen, and we discuss database query syntax.

10.1 Administrative Query and "Select Attribute" Screens

Several of the administrative pages allow you to add or remove some attribute to or from a VO member, e.g., add a role to a member, or remove membership in a group from a VO member. These pages use a common type of interface which includes:

- An area for entering search criteria
- A set of output fields from which to choose
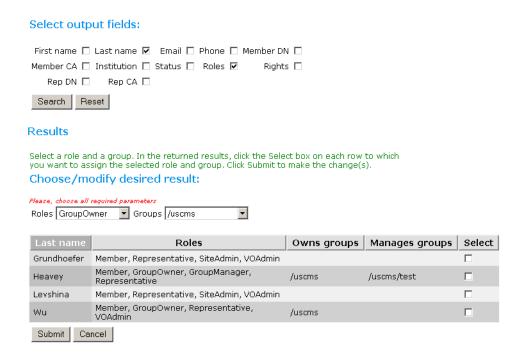- A Search button to submit and run the query

similar to the pages accessible by all users. After the search completes, the results area includes:

- one or more pull-down menus to select the attribute(s) you want to set
- the query results in rows, with a **Select** field on each containing a check box
- A Submit button, to save any changes you've made

Below we show an example, the **Assign Group Admin Role** screen (shown without the search criteria area). The selected output fields are shown so that you can see how they correspond to the results.

To assign a group admin role to one of these members, you need to select both a role (Group Owner or Group Manager) from the left-hand pull-down menu and a group from the right-hand pull-down menu. Then, for any member listed

in the results area to whom you wish to assign this role (for this group), click in his or her **Select** box to put a check in it. You may check any number of **Select** check boxes, in general. Once you've made your selection, click Submit.

Select output fields:

First name ☐ Last name ☑ Email ☐ Phone ☐ Member DN ☐
Member CA ☐ Institution ☐ Status ☐ Roles ☑ Rights ☐
Rep DN ☐ Rep CA ☐

[Search] [Reset]

Results

Select a role and a group. In the returned results, click the Select box on each row to which you want to assign the selected role and group. Click Submit to make the change(s).
Choose/modify desired result:

Please, choose all required parameters
Roles [GroupOwner ▼] Groups [/uscms ▼]

Last name	Roles	Owns groups	Manages groups	Select
Grundhoefer	Member, Representative, SiteAdmin, VOAdmin			☐
Heavey	Member, GroupOwner, GroupManager, Representative	/uscms	/uscms/test	☐
Levshina	Member, Representative, SiteAdmin, VOAdmin			☐
Wu	Member, GroupOwner, Representative, VOAdmin	/uscms		☐

[Submit] [Cancel]

Requery, if you like, to see the results of your changes.

10.2 Authorization Status Screen

The **Authorization Status** screen, shown below after querying on a single individual, doesn't have additional features with respect to the screen type discussed in section 10.1 *Administrative Query and "Select Attribute" Screens*, but its use and the results it returns require some explanation.

Authorization Status, and the associated term "phase" are described in section 4.3 *Authorization Status*.

Results

Choose/modify desired result:

Please, choose all required parameters

Status [Approved ▾]

First name	Last name	Phase	Admin DN	Admin CA	Authorization status	Select
Anne	Heavey	Representative	/DC=org/DC=doegrids/OU=People/CN=Tanya Levshina 508821	/DC=org/DC=DOEGrids/OU=Certificate Authorities/CN=DOEGrids CA 1	Approved	☐
Anne	Heavey	LRP	/DC=org/DC=doegrids/OU=People/CN=Yujun Wu 167397	/DC=org/DC=DOEGrids/OU=Certificate Authorities/CN=DOEGrids CA 1	New	-
Anne	Heavey	SiteAdmin	/DC=org/DC=doegrids/OU=People/CN=John Weigand 458491	/DC=org/DC=DOEGrids/OU=Certificate Authorities/CN=DOEGrids CA 1	New	-

[Submit] [Cancel]

In the screen shot above, we show the results for a single VO member, as it appears to the member's representative (notice which row contains the select box). Displayed are the member's **Last Name**, the **Phase** for the authorization status, the **Admin DN** and **Admin CA** corresponding to the member responsible for the phase, the **Authorization Status** and **Select**.

For each individual member, there is one row for the **Phase** *Representative*, showing the **Authorization Status** that the representative (identified by the DN shown) has granted the member. **Authorization Status** of "Approved" for this phase is required by the VOMRS software in order for the VO member to access any grid resources at all.

The other phases of authorization may be maintained here in VOMRS as authorization status, or they may be maintained externally to this system, according to the agreement between your VO and the sites. If additional phases are implemented in VOMRS, then you'll see additional rows in the output:

- Some rows will display the **Phase** *SiteAdmin*, one site per row, showing the **Authorization Status** accorded the member by the site administrator (identified by the DN shown) for the corresponding site.

- Some rows would display the **Phase** *LRP*, one resource per row, showing the **Authorization Status** accorded the member by the LRP (identified by the DN shown) for the corresponding resource.

A **Select** box will appear and be checkable only for the rows which correspond to your role vis-a-vis the given member. (Notice the select box on the *Representative* line in the image above.) Select the status you wish to give the person (Approved or Denied), then check the appropriate **Select** box. Click Submit to save your changes.

10.3 Syntax for Querying the Database

Currently the database implements a very simple syntax. You need to supply the correct string (upper and lower case are ignored), or you can replace any number of characters with a percent sign (%). For example,

j%   returns all strings that start with j or J.

j%n or J%n   returns John and Joann, but not Joe or Joanne.

%o%   returns all names on the previous line, plus Todd, but not James.